Global Challenge

Night Sensor

Lesson 1
Learning objectives:

● to understand the problem of road safety for children
● to think creatively and develop ideas for tech devices to help road safety for children at night
● to present and evaluate initial ideas
Road safety

● What are the main problems around road safety for children?

● When are children most at risk?
Think!
Be safe: be seen!
Be safe, be seen!

- What are the main problems around road safety at night for children?
- What time of the year/week/day is most dangerous?
- Which children are most at risk?
- What simple things can help children be safe, be seen?
How can technology help road safety for children at night?

Virtual Reality

Games

Lights
Your challenge today

Design a technology device to help children stay safe on roads at night.
Evaluating ideas

- Which idea(s) would be most effective and why?
- Who is your target user and why would they use it?
- What barriers might there be to some of the ideas (costs, materials, technology, know-how etc) and how might these be addressed?
- Which would be particularly helpful for children most at risk, or how could ideas be adapted?
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